

## RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/517,125A  
Source: PCT  
Date Processed by STIC: 04/11/2006

# ENTERED

PCT

**RAW SEQUENCE LISTING**

PATENT APPLICATION: US/10/517,125A

DATE: 04/11/2006

TIME: 12:32:35

Input Set : A:\pto.da.txt

Output Set: N:\CRF4\04112006\J517125A.raw

3 <110> APPLICANT: Mondobiotech SA  
 5 <120> TITLE OF INVENTION: Use of Compounds having the Biological Activity of  
 Vasoactive Intestinal  
 6 Peptide for the Treatment of Sarcoidosis  
 8 <130> FILE REFERENCE: PMB-0207 INT  
 C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/517,125A  
 C--> 10 <141> CURRENT FILING DATE: 2004-12-01  
 10 <160> NUMBER OF SEQ ID NOS: 14  
 12 <170> SOFTWARE: PatentIn version 3.1  
 14 <210> SEQ ID NO: 1  
 15 <211> LENGTH: 28  
 16 <212> TYPE: PRT  
 17 <213> ORGANISM: Homo sapiens  
 19 <400> SEQUENCE: 1  
 21 His Ser Asp Ala Val Phe Thr Asp Asn Tyr Thr Arg Leu Arg Lys Gln  
 22 1 5 10 15  
 25 Met Ala Val Lys Lys Tyr Leu Asn Ser Ile Leu Asn  
 26 20 25  
 29 <210> SEQ ID NO: 2  
 30 <211> LENGTH: 38  
 31 <212> TYPE: PRT  
 32 <213> ORGANISM: Homo sapiens  
 34 <400> SEQUENCE: 2  
 36 His Ser Asp Gly Ile Phe Thr Asp Ser Tyr Ser Arg Tyr Arg Lys Gln  
 37 1 5 10 15  
 40 Met Ala Val Lys Lys Tyr Leu Ala Ala Val Leu Gly Lys Arg Tyr Lys  
 41 20 25 30  
 44 Gln Arg Val Lys Asn Lys  
 45 35  
 48 <210> SEQ ID NO: 3  
 49 <211> LENGTH: 27  
 50 <212> TYPE: PRT  
 51 <213> ORGANISM: Homo sapiens  
 53 <400> SEQUENCE: 3  
 55 His Ser Asp Gly Ile Phe Thr Asp Ser Tyr Ser Arg Tyr Arg Lys Gln  
 56 1 5 10 15  
 59 Met Ala Val Lys Lys Tyr Leu Ala Ala Val Leu  
 60 20 25  
 63 <210> SEQ ID NO: 4  
 64 <211> LENGTH: 10  
 65 <212> TYPE: PRT  
 66 <213> ORGANISM: Homo sapiens  
 68 <400> SEQUENCE: 4  
 70 Arg Lys Gln Met Ala Val Lys Lys Tyr Leu

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/517,125A

DATE: 04/11/2006

TIME: 12:32:35

Input Set : A:\pto.da.txt

Output Set: N:\CRF4\04112006\J517125A.raw

71 1 5 10  
 74 <210> SEQ ID NO: 5  
 75 <211> LENGTH: 23  
 76 <212> TYPE: PRT  
 77 <213> ORGANISM: Homo sapiens  
 79 <220> FEATURE:  
 80 <221> NAME/KEY: MISC\_FEATURE  
 81 <222> LOCATION: (4)..(8)  
 82 <223> OTHER INFORMATION: X is any naturally occurring amino acid residue  
 85 <400> SEQUENCE: 5  
**W--> 87 Phe Thr Asp Xaa Xaa Xaa Xaa Arg Lys Gln Met Ala Val Lys Lys**  
 88 1 5 10 15  
 91 Tyr Leu Asn Ser Ile Leu Asn  
 92 20  
 95 <210> SEQ ID NO: 6  
 96 <211> LENGTH: 23  
 97 <212> TYPE: PRT  
 98 <213> ORGANISM: Homo sapiens  
 100 <400> SEQUENCE: 6  
**102 Phe Thr Asp Asn Tyr Thr Arg Leu Arg Lys Gln Met Ala Val Lys Lys**  
 103 1 5 10 15  
 106 Tyr Leu Asn Ser Ile Leu Asn  
 107 20  
 110 <210> SEQ ID NO: 7  
 111 <211> LENGTH: 18  
 112 <212> TYPE: PRT  
 113 <213> ORGANISM: Homo sapiens  
 115 <400> SEQUENCE: 7  
**117 Phe Thr Asp Ser Tyr Ser Arg Tyr Arg Lys Gln Met Ala Val Lys Lys**  
 118 1 5 10 15  
 121 Tyr Leu  
 125 <210> SEQ ID NO: 8  
 126 <211> LENGTH: 23  
 127 <212> TYPE: PRT  
 128 <213> ORGANISM: Homo sapiens  
 130 <220> FEATURE:  
 131 <221> NAME/KEY: MISC\_FEATURE  
 132 <222> LOCATION: (4)..(5)  
 133 <223> OTHER INFORMATION: X is any naturally occurring amino acid residue  
 136 <220> FEATURE:  
 137 <221> NAME/KEY: MISC\_FEATURE  
 138 <222> LOCATION: (9)..(13)  
 139 <223> OTHER INFORMATION: X is any naturally occurring amino acid residue  
 142 <400> SEQUENCE: 8  
**W--> 144 His Ser Asp Xaa Xaa Phe Thr Asp Xaa Xaa Xaa Xaa Arg Lys Gln**  
 145 1 5 10 15  
 148 Met Ala Val Lys Lys Tyr Leu  
 149 20  
 152 <210> SEQ ID NO: 9

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/517,125A

DATE: 04/11/2006

TIME: 12:32:35

Input Set : A:\pto.da.txt

Output Set: N:\CRF4\04112006\J517125A.raw

153 <211> LENGTH: 23  
 154 <212> TYPE: PRT  
 155 <213> ORGANISM: Homo sapiens  
 157 <400> SEQUENCE: 9  
 159 His Ser Asp Ala Val Phe Thr Asp Asn Tyr Thr Arg Leu Arg Lys Gln  
 160 1 5 10 15  
 163 Met Ala Val Lys Lys Tyr Leu  
 164 20  
 167 <210> SEQ ID NO: 10  
 168 <211> LENGTH: 23  
 169 <212> TYPE: PRT  
 170 <213> ORGANISM: Homo sapiens  
 172 <400> SEQUENCE: 10  
 174 His Ser Asp Gly Ile Phe Thr Asp Ser Tyr Ser Arg Tyr Arg Lys Gln  
 175 1 5 10 15  
 178 Met Ala Val Lys Lys Tyr Leu  
 179 20  
 182 <210> SEQ ID NO: 11  
 183 <211> LENGTH: 28  
 184 <212> TYPE: PRT  
 185 <213> ORGANISM: Homo sapiens  
 187 <220> FEATURE:  
 188 <221> NAME/KEY: MISC\_FEATURE  
 189 <222> LOCATION: (4)..(5)  
 190 <223> OTHER INFORMATION: X is any naturally occurring amino acid residue  
 193 <220> FEATURE:  
 194 <221> NAME/KEY: MISC\_FEATURE  
 195 <222> LOCATION: (9)..(13)  
 196 <223> OTHER INFORMATION: X is any naturally occurring amino acid residue  
 199 <220> FEATURE:  
 200 <221> NAME/KEY: MISC\_FEATURE  
 201 <222> LOCATION: (24)..(28)  
 202 <223> OTHER INFORMATION: X at positions 24 -27 may be any naturally occurring amino acid residue  
 203 sidue; X at position 28 may be H or any naturally occurring amino acid residue  
 204 acid residue  
 207 <400> SEQUENCE: 11  
 W--> 209 His Ser Asp Xaa Xaa Phe Thr Asp Xaa Xaa Xaa Xaa Xaa Arg Lys Gln  
 210 1 5 10 15  
 W--> 213 Met Ala Val Lys Lys Tyr Leu Xaa Xaa Xaa Xaa Xaa Xaa  
 214 20 25  
 217 <210> SEQ ID NO: 12  
 218 <211> LENGTH: 38  
 219 <212> TYPE: PRT  
 220 <213> ORGANISM: Homo sapiens  
 222 <220> FEATURE:  
 223 <221> NAME/KEY: MISC\_FEATURE  
 224 <222> LOCATION: (4)..(5)  
 225 <223> OTHER INFORMATION: X is any naturally occurring amino acid residue  
 228 <220> FEATURE:

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/517,125A

DATE: 04/11/2006

TIME: 12:32:35

Input Set : A:\pto.da.txt

Output Set: N:\CRF4\04112006\J517125A.raw

229 <221> NAME/KEY: MISC\_FEATURE  
230 <222> LOCATION: (9)..(13)  
231 <223> OTHER INFORMATION: X is any naturally occurring amino acid residue  
234 <220> FEATURE:  
235 <221> NAME/KEY: MISC\_FEATURE  
236 <222> LOCATION: (24)..(38)  
237 <223> OTHER INFORMATION: X is any naturally occurring amino acid residue  
240 <400> SEQUENCE: 12  
W--> 242 His Ser Asp Xaa Xaa Phe Thr Asp Xaa Xaa Xaa Xaa Arg Lys Gln  
243 1 5 10 15  
W--> 246 Met Ala Val Lys Lys Tyr Leu Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa  
247 20 25 30  
W--> 250 Xaa Xaa Xaa Xaa Xaa Xaa  
251 35  
254 <210> SEQ ID NO: 13  
255 <211> LENGTH: 3  
256 <212> TYPE: PRT  
257 <213> ORGANISM: Homo sapiens  
259 <400> SEQUENCE: 13  
261 Phe Thr Asp  
262 1  
265 <210> SEQ ID NO: 14  
266 <211> LENGTH: 3  
267 <212> TYPE: PRT  
268 <213> ORGANISM: Homo sapiens  
270 <400> SEQUENCE: 14  
272 His Ser Asp  
273 1

RAW SEQUENCE LISTING ERROR SUMMARY                    DATE: 04/11/2006  
PATENT APPLICATION: US/10/517,125A                    TIME: 12:32:36

Input Set : A:\pto.da.txt  
Output Set: N:\CRF4\04112006\J517125A.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:5; Xaa Pos. 4,5,6,7,8  
Seq#:8; Xaa Pos. 4,5,9,10,11,12,13  
Seq#:11; Xaa Pos. 4,5,9,10,11,12,13,24,25,26,27,28  
Seq#:12; Xaa Pos. 4,5,9,10,11,12,13,24,25,26,27,28,29,30,31,32,33,34,35,36  
Seq#:12; Xaa Pos. 37,38

Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:1; Line(s) 5

**VERIFICATION SUMMARY**

PATENT APPLICATION: US/10/517,125A

DATE: 04/11/2006

TIME: 12:32:36

Input Set : A:\pto.da.txt

Output Set: N:\CRF4\04112006\J517125A.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application No

L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:87 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0

L:144 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:0

L:209 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:0

L:213 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:16

L:242 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12 after pos.:0

L:246 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12 after pos.:16

L:250 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12 after pos.:32